

United States of America
Department of Transportation—Federal Aviation Administration
Supplemental Type Certificate

Number SA3639SW

Project No. 190-466
JWW-192

This certificate, issued to Hayes Avionics Consulting
Route 9, Box 211
McKinney, Texas 75069

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 23 of the Federal Aviation Regulations.

Original Product—Type Certificate Number: A25SO
Make: Piper
Model: PA-46-310

Description of Type Design Change:

Installation of ARNAV Systems, Inc. Loran-C Model R-40 with Remote Data Base in accordance with Hayes Data List No. ENG-7013 dated July 18, 1986, or later FAA-approved revision.

Limitations and Conditions:

FAA Approved Airplane Flight Manual Supplement dated July 31, 1986, is required. This approval includes only the top fuselage mounted antenna.

Compatibility of this modification with other previously approved modifications must be determined by the installer.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application: May 28, 1986

Date reissued:

Date of issuance: July 31, 1986

Date amended:

By direction of the Administrator



for L. B. Andriesen (Signature)
Assistant Manager, Aircraft Certification
Division, Southwest Region
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to *(Name of transferee)* _____

(Address of transferee) _____

(Number and street)

(City, State, and ZIP code)

from *(Name of grantor)* *(Print or type)* _____

(Address of grantor) _____

(Number and street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor *(In ink)*: _____